

Title (en)
Double clutch

Title (de)
Doppelkupplung

Title (fr)
Embrayage double

Publication
EP 1777426 A1 20070425 (DE)

Application
EP 05109805 A 20051020

Priority
EP 05109805 A 20051020

Abstract (en)
A double coupling (1) for a drive (3) comprises two coaxial input shafts (4,5), a coupling flange (13) fixed to a motor (2) and two couplings (7,8) to drive shafts through the coupling flange. A hub (11) coupled to the shaft comprises hydraulically operated units for the coupling, a hollow cylinder (18) transmitting torque is arranged radially between the coupling axis and hub and comprises at least one opening for feeding oil to the hub.

IPC 8 full level
F16D 21/06 (2006.01); **F16D 25/10** (2006.01); **F16D 25/12** (2006.01); **H02K 7/00** (2006.01)

CPC (source: EP US)
B60K 6/387 (2013.01 - EP US); **B60K 6/48** (2013.01 - EP US); **F16D 21/06** (2013.01 - US); **F16D 25/0638** (2013.01 - EP);
F16D 25/10 (2013.01 - EP); **F16D 25/123** (2013.01 - EP US); **H02K 7/006** (2013.01 - EP US); **F16D 2021/0661** (2013.01 - EP US);
Y02T 10/62 (2013.01 - EP US)

Citation (applicant)
EP 1195537 A1 20020410 - FORD GLOBAL TECH INC [US]

Citation (search report)
• [DA] EP 1195537 A1 20020410 - FORD GLOBAL TECH INC [US]
• [A] DE 10049955 A1 20020411 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]
• [A] FR 2814516 A1 20020329 - VALEO [FR]

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WO2018046049A1; WO2019115216A1; WO2023143654A1; WO2022188918A1; EP2011682B2

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1777426 A1 20070425; EP 1777426 B1 20081008; CN 1952421 A 20070425; CN 1952421 B 20101229; DE 502005005635 D1 20081120;
JP 2007113784 A 20070510; JP 4961188 B2 20120627; US 2007089962 A1 20070426; US 7631739 B2 20091215

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